

user's manual



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NVL-3MP4012D/IR

noVus®

INFORMATION

EMC (2004/108/EC) and LVD (2006/95/EC) Directives



CE Marking

Our products are manufactured to comply with requirements of following directives and national regulations implementing the directives:

- Electromagnetic compatibility EMC 2004/108/EC.
- Low voltage LVD 2006/95/EC with further amendment. The Directive applies to electrical equipment designed for use with a voltage rating of between 50VAC and 1000VAC as well as 75VDC and 1500VDC.

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WEEE Directive 2002/96/EC



Information on Disposal for Users of Waste Electrical and Electronic Equipment

This appliance is marked according to the European Directive on Waste Electrical and Electronic Equipment (2002/96/EC) and further amendments. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The symbol on the product, or the documents accompanying the product, indicates that this appliance may not be treated as household waste. It shall be handed over to the applicable collection point for the waste electrical and electronic equipment for recycling purpose. For more information about recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.



RoHS Directive 2002/95/EC

Concerning for human health protection and friendly environment, we assure that our products falling under RoHS Directive regulations, regarding the restriction of the use of hazardous substances in electrical and electronic equipment, were designed and manufactured in compliance with mentioned regulation. Simultaneously, we claim that our products were tested and do not contain hazardous substances exceeding limits which could have negative impact on human health or natural environment.

Information

The device, as a part of professional CCTV system used for surveillance and control, is not designed for self installation in households by individuals without technical knowledge.

The manufacturer is not responsible for defects and damages resulted from improper or inconsistent with user's manual installation of the device in the system.

SAFETY REQUIREMENTS

ATTENTION!

PRIOR TO UNDERTAKING ANY ACTION THAT IS NOT PROVISIONED FOR THE GIVEN PRODUCT IN ITS USER'S MANUAL AND OTHER DOCUMENTS DELIVERED WITH THE PRODUCT, OR THAT ARISES FROM THE NORMAL APPLICATION OF THE PRODUCT, ITS MANUFACTURER MUST BE CONTACTED OR THE RESPONSIBILITY OF THE MANUFACTURER FOR THE RESULTS OF SUCH AN ACTION SHELL BE EXCLUDED.



1. Prior to undertaking any action please consult the following manual and read all the safety and operating instructions before starting the device.
2. Please keep this manual for the lifespan of the device in case referring to the contents of this manual is necessary;
3. All the safety precautions referred to in this manual should be strictly followed, as they have a direct influence on user's safety and durability and reliability of the device;
4. All actions conducted by the servicemen and users must be accomplished in accordance with the user's manual;
5. Usage of additional devices and components neither provided nor recommended by the producer is forbidden;
6. Cables should be placed in a way excluding the possibility of damaging them by accident.
7. User cannot repair or upgrade the equipment himself. All maintenance actions and repairs should be conducted only by qualified service personnel;
8. In necessity of repairs attention to using only original replacement parts (with their parameters in accordance with those specified by the producer) should be paid. Non-licensed service and non-genuine replacement parts may cause fire or electrocution;
9. After maintenance activities tests should be run to ensure proper operation of all the functional components of the device.
10. Prior to lens mounting procedure, please ensure that camera is powered off.
11. CS type lens are not compatible with C-type lens mounts.
12. Due to risk of fire, do not expose the lens to the direct sunlight.
13. Do not touch the lens.
14. To remove oil from the lens - wipe water drops or oil off the lens with a clean soft cloth and then dry the lens surface. Then prepare oil-free and washed-out cotton cloth or lens cleaning paper with either alcohol or lens cleaning liquid. Wipe the rest of the dirt off gently with cloth or paper by moving spirally from the lens center towards its rim. Repeat wiping with another wet cloth or paper until the lens becomes completely clean. In case of lens cleaning please do not use any solving liquids (for example petrol).

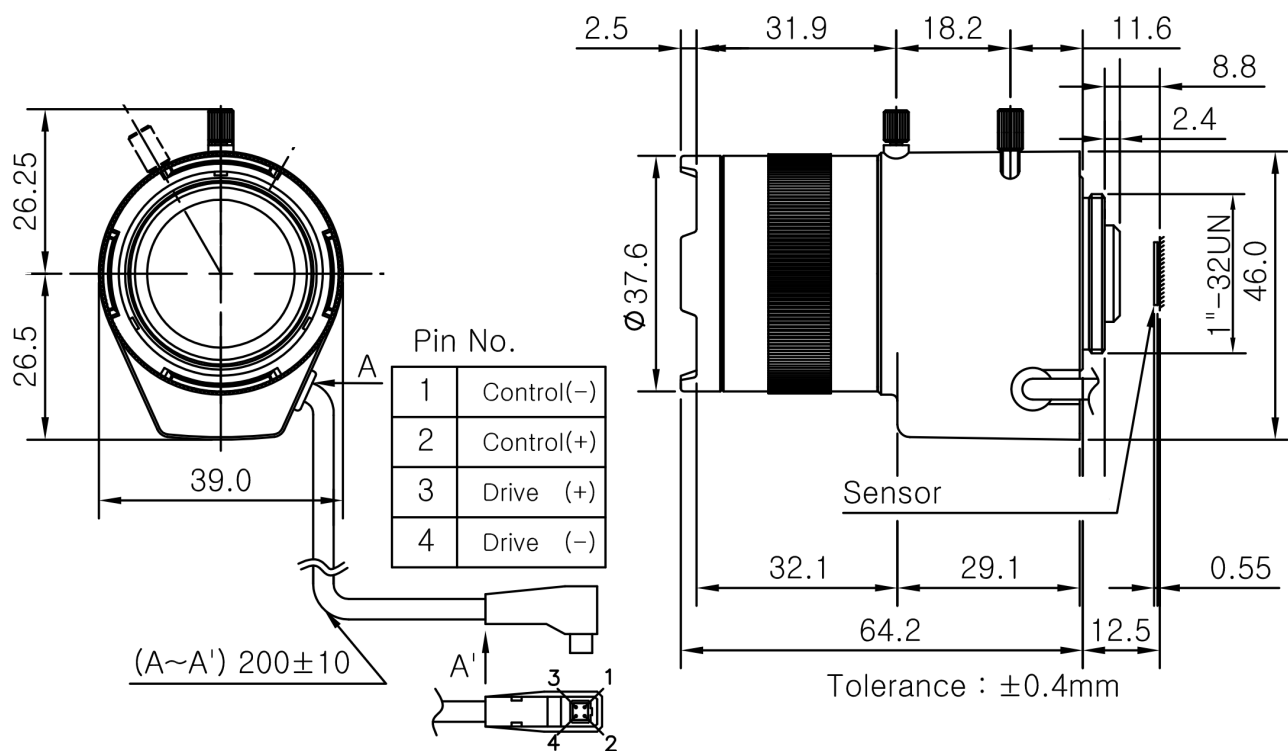
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TECHNICAL SPECIFICATION

1. TECHNICAL SPECIFICATION

- Designed for mega-pixel cameras
- Glass -made optics
- Adapted to IR operation

	NVL-3MP4012D/IR			
Format Size	1/2"			
Focal Lenght	4,0 ~ 12 mm			
Iris Operation	Auto			
Relative Aperture	F=1.4~360			
Mount Type	CS			
CCD Format Size	1/2"	1/2,7"	1/3"	1/4"
Angle of View (H)	95,75°~31,97°	84,30°~28,76	68,53°~23,95°	50,29°~17,95°
Dimensions (mm)	64,2 (L) x 46 (H) x 37,6 (W)			
Weight	110g			



INSTALLATION

2. INSTALLATION

1. Remove the caps protecting the lenses. If needed please remove the dust from the lenses.
2. Mount the lens onto camera by turning it gently clockwise, stop when you feel slight resistance.
3. Connect the lens cable to the lens connector.
4. Connect the camera to the monitor and adjust the angle of view and focus.

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2013-04-03 JM,MK

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